

## **ABSTRACT OF THE DISCLOSURE**

In an optical waveguide device, a rectangle, which uses a filter insertion groove as its diagonal line and uses points on filter insertion grooves adjacent to the above filter insertion groove as its apexes, is assumed as a unit rectangle, and the size of the optical waveguide device is set to an integer multiple of the unit rectangle. In this case, even if filter insertion grooves are formed in a state in which a plurality of the optical waveguide devices are disposed in matrix, the respective optical waveguide devices can be formed in the same shape. Further, the filter insertion grooves formed to the respective optical waveguide devices do not divide portions other than the target portion of other optical waveguide devices. Therefore, the manufacturing processes of the optical waveguide device can be simplified and are suitable for mass production, and manufacturing cost can be suppressed thereby.

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